Listing of Claims:

1. (Currently Amended) A method for producing a lighting apparatus ~~(10, 110, 210) with~~ having a polygonal luminous area[[,]] ~~particularly a backlighting apparatus for a display~~, comprising:

assembling ~~putting together~~ the polygonal luminous area in a modular manner ~~fashion~~ from a plurality of individual polygonal luminous modules; and~~(1)~~

selecting the individual polygonal luminous modules from a basic set of different-sized luminous modules;

wherein the basic set of different-sized luminous modules comprises: a first luminous module having a first size, a second luminous module having a second size, a third luminous module having a length that corresponds to the length of the first luminous module and a width that corresponds to the width of the second luminous module, and a fourth luminous module having a length that corresponds to the width of the first luminous module and a width that corresponds to the length of the second luminous module.

2. (Currently Amended) The method for producing [a]] the lighting apparatus as claimed in claim 1, wherein the polygonal luminous area is rectangular and is modularly assembled ~~put together in modular fashion~~ from a plurality of individual rectangular luminous modules ~~(1)~~.

3. (Canceled)

4. (Currently Amended) The method for producing the lighting apparatus as claimed in claim 1, wherein at least some of ~~the plurality of~~ said plural individual luminous modules ~~(1)~~ have a light input part ~~(3)~~ with light emitting diodes. ~~(LEDs) (2)~~[[.]]

5. (Canceled)

6. (Currently Amended) The method for producing the lighting apparatus as claimed in claim [[2]] 1, wherein the basic set of different-sized luminous modules comprises four different-sized luminous modules ~~(11, 21, 31, 41)~~,

wherein ~~the~~ a length of ~~the~~ a diagonal of [[a]] the first luminous module ~~(11)~~ is an integer multiple of 1 inch and ~~the~~ a ratio of length to width of the first luminous module is preferably 4:3,

the length of the diagonal of [[a]] the second luminous module ~~(21)~~, which is smaller than the diagonal length of the first luminous module, is an integer multiple of 1 inch and the ratio of length to width of the second luminous module is preferably 4:3,

the length of a third luminous module ~~(31)~~ corresponds to the length of the first luminous module ~~(11)~~ and the width of the third luminous module ~~(31)~~ corresponds to the width of the second luminous module ~~(21)~~, and

the length of a fourth luminous module ~~(41)~~ corresponds to the width of the first luminous module ~~(11)~~ and the width of the fourth luminous module ~~(41)~~ corresponds to the length of the second luminous module ~~(21)~~.

7. (Currently Amended) The method for producing the lighting apparatus as claimed in claim 6, wherein the length of the diagonal of the first luminous module ~~(11)~~ is 7 inches and the length of the diagonal of the second luminous module ~~(21)~~ is 5 inches.

8. (Currently Amended) The method for producing the lighting apparatus as claimed in claim 1, wherein ~~all~~ each of ~~the~~ said plural individual luminous modules ~~(1) have~~ has a light input part ~~(3)~~ with light emitting diodes. ~~(LEDs) (2)~~[[.]]

9. (Currently Amended) The method for producing the lighting apparatus as claimed in claim 1, wherein external areas of each of said ~~the~~ plural individual luminous modules, which are not one of a light exit area ~~(6) or~~ and a light entry area ~~(16)~~, are at least partly provided with a reflective coating ~~(13)~~.

10. (Currently Amended) The method for producing the lighting apparatus as claimed in claim [[1]] 4, wherein a luminous body ~~(9) of the~~ of each of said plural individual polygonal luminous modules ~~module (1)~~ is provided whose cross section tapers as ~~the~~ a distance from the light input part ~~(3)~~ increases.

11. (Currently Amended) The method for producing the lighting apparatus as claimed in claim [[1]] 10, wherein ~~the~~ a thickness of the luminous body next to the light input part ~~(3)~~ is greater than the thickness of the light input part, and a step ~~(4)~~ located between the light input part and the light exit area is in a form such that ~~the~~ each of said plural individual polygonal

luminous modules ~~(1)~~ overlap, when ~~put together~~ assembled to form [[a]] the polygonal luminous area, such that the light input part ~~(3)~~ is covered by an adjacent luminous module.

12. (Currently Amended) The method for producing the lighting apparatus as claimed in claim [[1]] 8, wherein a base area ~~(7)~~ opposite ~~the~~ a light exit area has a reflective structure which directs light emitted by ~~the LEDs~~ light emitting diodes during operation into ~~the~~ a region of ~~the~~ a step.

13. (Currently Amended) A lighting apparatus ~~(10, 110, 210) with~~ having a polygonal luminous area[[,]] ~~particularly a backlighting apparatus for a display~~, wherein the polygonal luminous area comprises:

a plurality of individual polygonal luminous modules ~~(1)~~ arranged in modular ~~fashion~~ manner;

wherein the individual polygonal luminous modules are selected from a basic set of different-sized luminous modules;

wherein the basic set of different-sized luminous modules comprises:

a first luminous module having a first size, a second luminous module having a second size, a third luminous module having a length that corresponds to the length of the first luminous module and a width that corresponds to the width of the second luminous module, and a fourth luminous module having a length that corresponds to the width of the first luminous module and a width that corresponds to the length of the second luminous module; and

wherein the luminous area comprises one of each of said luminous modules of the basic set of different-sized luminous modules or at least two pairs of luminous modules each having two different-sized luminous modules in the basic set of different-sized luminous modules.

14. (Currently Amended) The lighting apparatus as claimed in claim 13, wherein the polygonal luminous area is rectangular and ~~is made up of~~ comprises individual rectangular luminous modules ~~(1)~~.

15. (Canceled)

16. (Currently Amended) The lighting apparatus as claimed in claim 13, wherein at least some of the plurality of luminous modules ~~(1)~~ have a light input part ~~(3)~~ with light emitting diodes. ~~(LEDs) (2)~~[[.]]

17. (Canceled)

18. (Currently Amended) The lighting apparatus as claimed in claim ~~14~~ 13, wherein the basic set of different-sized luminous modules comprises four different-sized luminous modules ~~(11, 21, 31, 41)~~,

wherein ~~the~~ a length of ~~the~~ a diagonal of [[a]] the first luminous module ~~(11)~~ is an integer multiple of 1 inch and ~~the~~ a ratio of length to width of the first luminous module is preferably 4:3,

the length of the diagonal of [[a]] the second luminous module ~~(21)~~, which is smaller than the diagonal length of the first luminous module, is an integer multiple of 1 inch and the ratio of length to width of the second luminous module is preferably 4:3,

the length of [[a]] the third luminous module ~~(31)~~ corresponds to the length of the first luminous module ~~(11)~~ and the width of the third luminous module ~~(31)~~ corresponds to the width of the second luminous module ~~(21)~~, and

wherein the length of [[a]] the fourth luminous module ~~(41)~~ corresponds to the width of the first luminous module ~~(11)~~ and the width of the fourth luminous module ~~(41)~~ corresponds to the length of the second luminous module ~~(21)~~.

19. (Currently Amended) The lighting apparatus as claimed in claim 18, wherein the length of the diagonal of the first luminous module ~~(11)~~ is 7 inches and the length of the diagonal of the second luminous module ~~(21)~~ is 5 inches.

20. (Currently Amended) The lighting apparatus as claimed in claim 13, wherein ~~all of~~ ~~the~~ each of said plural individual polygonal luminous modules ~~(1) have~~ has a light input part with light emitting diodes. ~~(LEDs) (2)~~[[.]]

21. (Currently Amended) The lighting apparatus as claimed in claim 13, wherein external areas of ~~the~~ each of said plural individual polygonal luminous modules, which are not one of a light exit area ~~(6) or~~ and a light entry area ~~(16)~~, are at least partly provided with a reflective coating ~~(13)~~.

22. (Currently Amended) The lighting apparatus as claimed in claim ~~13~~ 16, wherein a luminous body ~~(9) of the~~ of each of said plural individual polygonal luminous modules ~~module~~ ~~(1)~~ is provided whose cross section tapers as ~~the~~ a distance from the light input part increases.

23. (Currently Amended) The lighting apparatus as claimed in claim ~~13~~ 20, wherein ~~the~~ a thickness of the luminous body next to the light input part ~~(3)~~ is greater than the thickness of the light input part, with a step ~~(4)~~ being in a form such that each of said plural individual polygonal luminous modules ~~(1)~~, when ~~put together to~~ assembled form [[a]] the polygonal luminous area, such that the light input part ~~(3)~~ is covered by an adjacent luminous module.

24. (Currently Amended) The lighting apparatus as claimed in claim ~~13~~ 20, wherein a base area ~~(7)~~ opposite ~~the~~ a light exit area has a reflective structure which directs light emitted by ~~the LEDs~~ light emitting diodes during operation into ~~the~~ a region of ~~the~~ a step.

25. (New) The method for producing the lighting apparatus as claimed in claim 1, wherein the lighting apparatus is a backlighting apparatus for a display.

26. (New) The lighting apparatus as claimed in claim 13, wherein the lighting apparatus is a backlighting apparatus for a display.

27. (New) A display illuminated by the lighting apparatus according to claim 13, wherein the lighting apparatus comprises a luminous area corresponding in size to the display.